

ejer 2 seccion 2.1 grossman 2ed

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Hallar el determinante de la siguiente matriz

$$\det = \left| \begin{pmatrix} -1 & 1 & 0 \\ 2 & 1 & 4 \\ 1 & 5 & 6 \end{pmatrix} \right|$$

```
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| Sage Version 3.4, Release Date: 2009-03-11  
| Type notebook() for the GUI, and license() for information.  
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Sage Version 3.4, Release Date: 2009-03-11  
sage] A=matrix(QQ, [[-1,1,0], [2,1,4], [1,5,6]])  
sage] A  

$$\begin{pmatrix} -1 & 1 & 0 \\ 2 & 1 & 4 \\ 1 & 5 & 6 \end{pmatrix}$$
  
sage] A.determinant()  
6  
sage]
```

el determinante de la matrix dada es 6.